

Technical Data Sheet

CAPILENE[®] G 86 E

Polypropylene Homopolymer

Description

CAPILENE[®] G 86 E is a polypropylene homopolymer intended for extrusion and thermoforming applications. This grade is formulated with a low water carry-over additive packaging and it exhibits good mechanical properties and good processability. It does not contain a slip agent or an anti-blocking agent.

Applications

CAPILENE[®] G 86 E is suitable for extrusion thermoforming, film extrusion (BOPP), tape extrusion for woven applications and for carpet backing. It is also a general purpose injection molding grade for technical items.

Quality, Environment and Safety Regulations

Material Safety Data Sheets and Product Safety declarations are available on our web site <http://www.caol.co.il>

Properties		Method	Typical Value*	Unit
Physical				
Melt Flow Rate	(230°C/2.16Kg)	ASTM D 1238	3	g/10min
Mechanical				
Tensile Stress at Yield	(50mm/min)	ASTM D 638	36	MPa
Tensile Strain at Yield	(50mm/min)	ASTM D 638	11	%
Flexural Modulus		ASTM D 790	1650	MPa
Izod Impact Strength, notched	(+23°C)	ASTM D 256	40	J/m
Thermal				
Vicat Softening Temperature	(10N)	ASTM D 1525	155	°C
Heat Deflection Temperature	(0.45MPa)	ASTM D 648	95	°C

**Typical values; not to be construed as specifications.*